

FIGURE 1

09617913.071700

09617913.074700

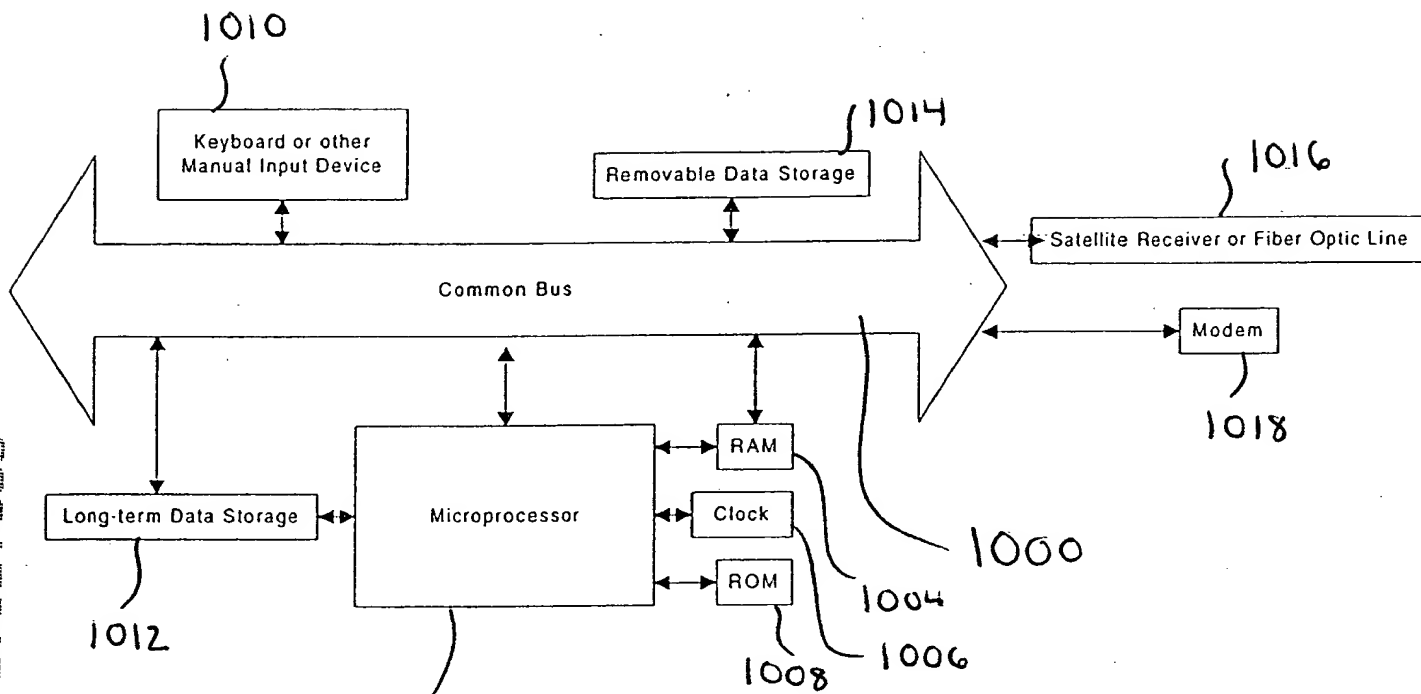


Fig. 2

09617913.071700

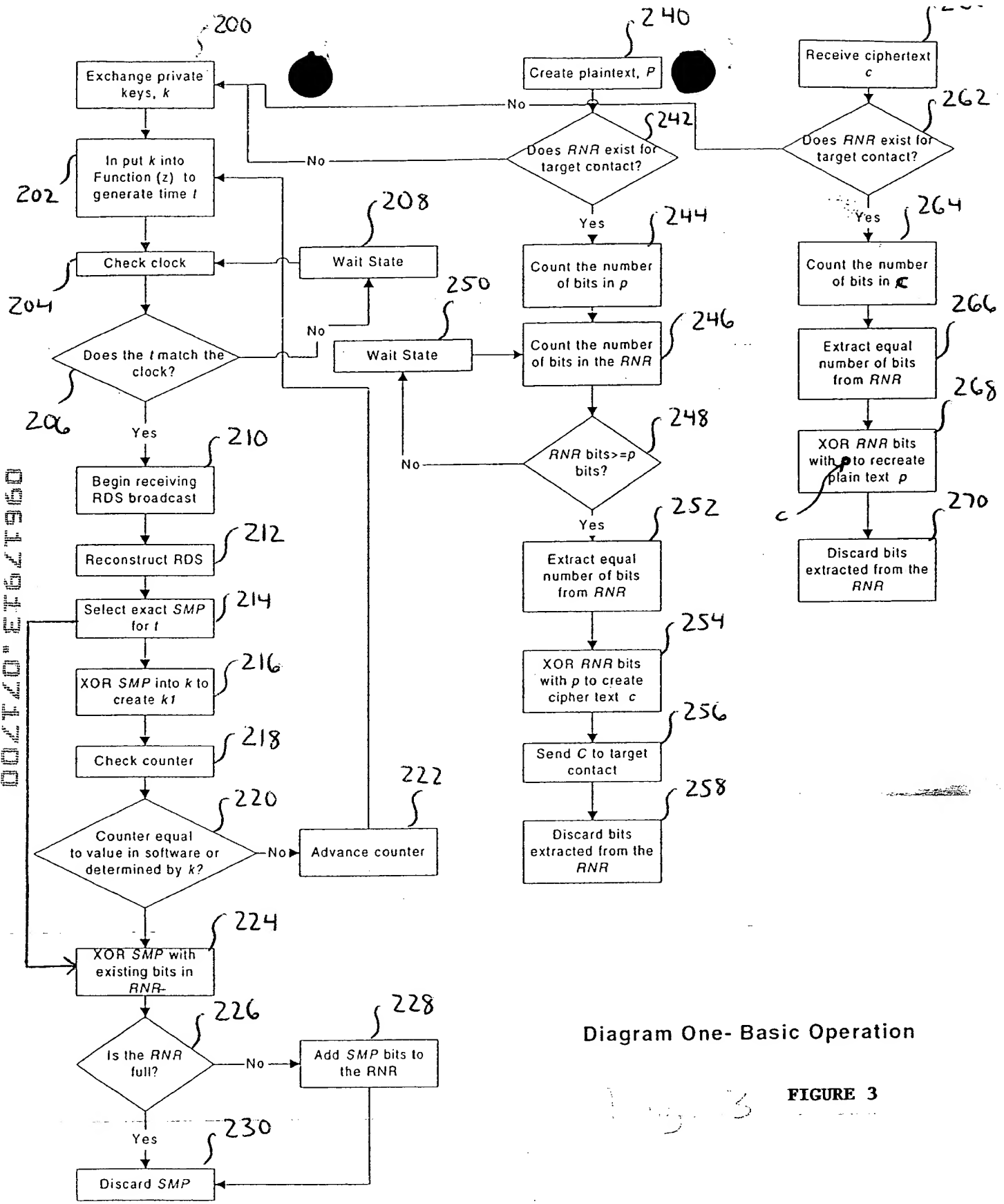


Diagram One- Basic Operation

FIGURE 3

09617913-071700

User requests
and receives
private key
generated by
trusted agent

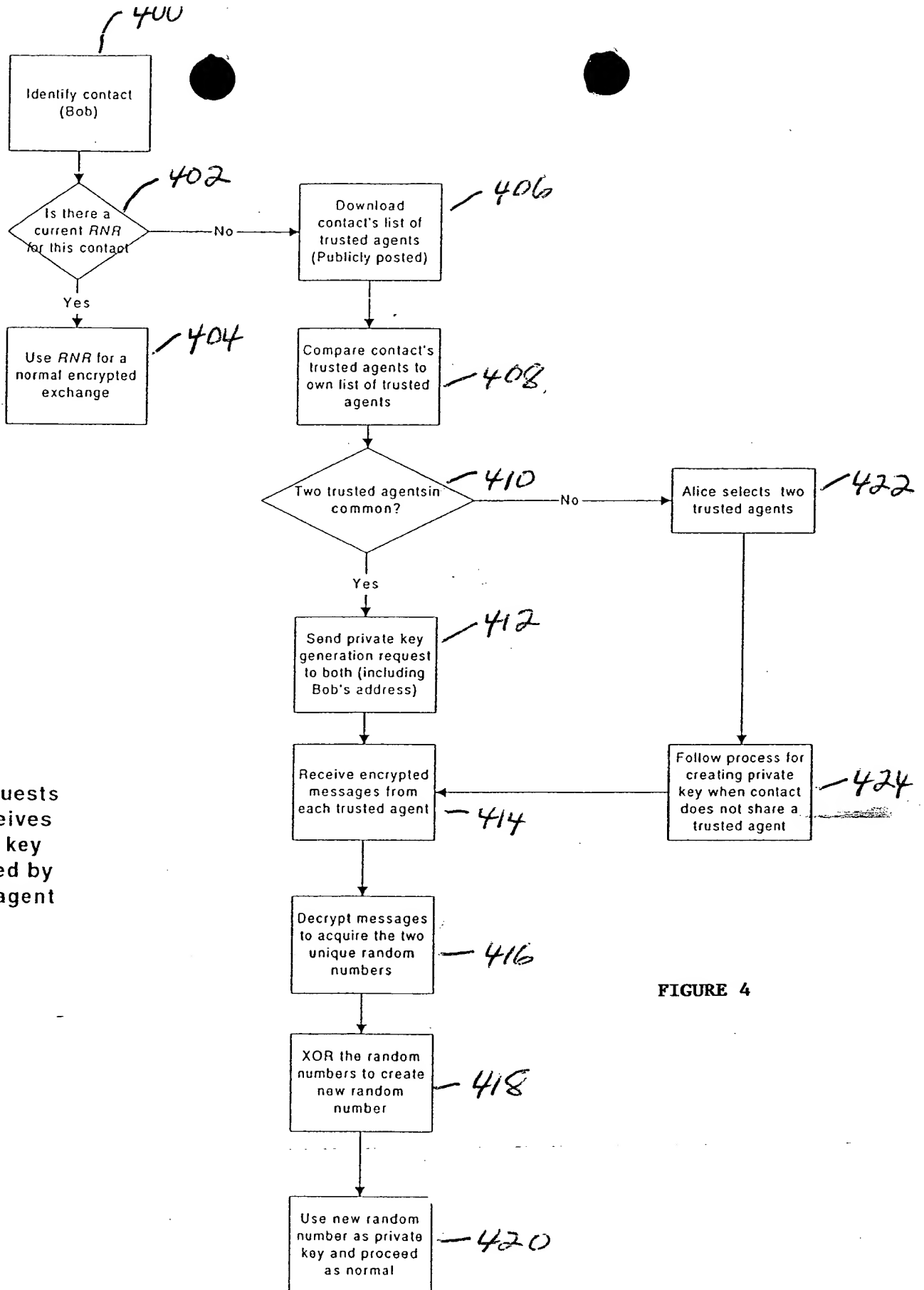


FIGURE 4

007T20"ET67T960

Figure 5
Trusted Agent
Handling Private Key Generation Request

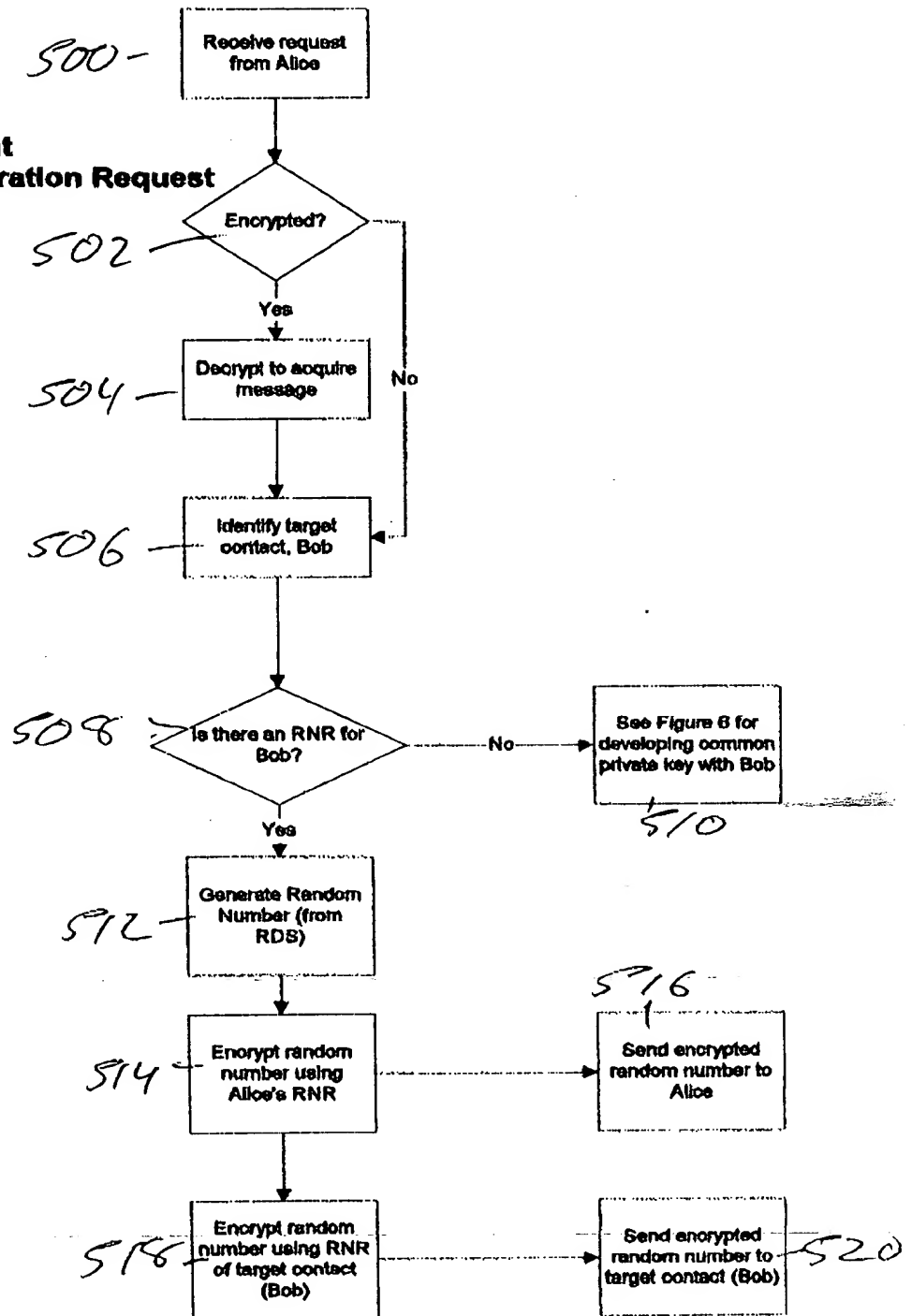
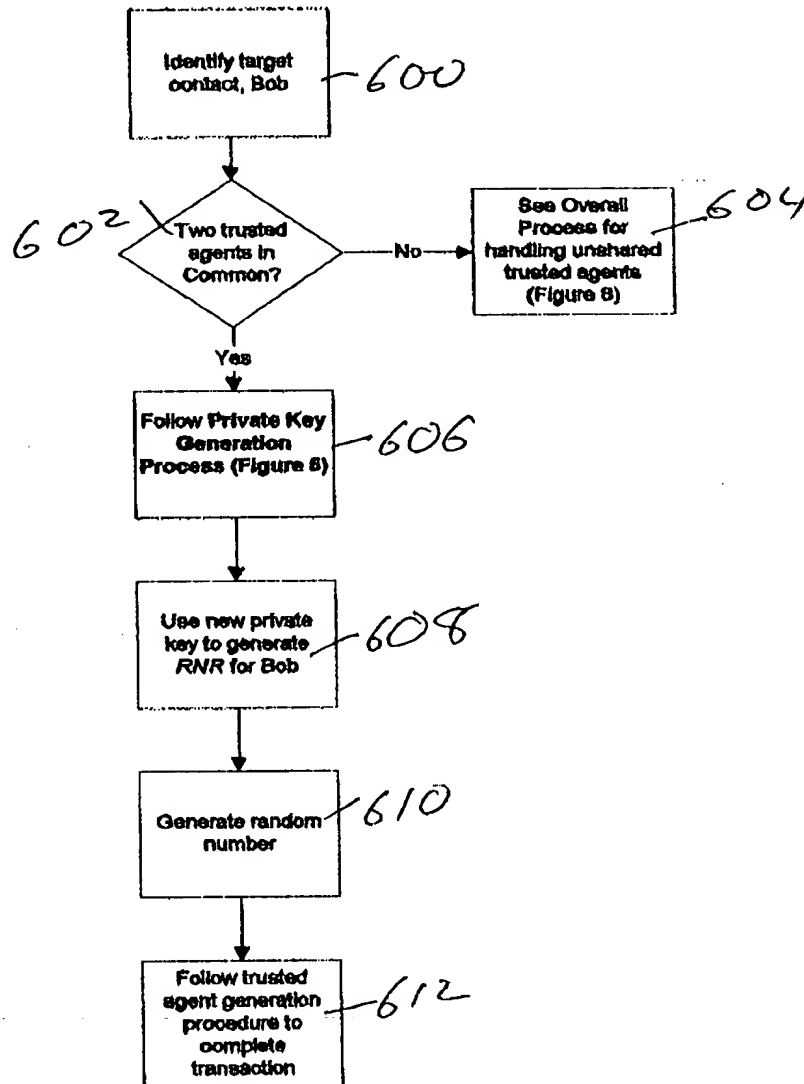


Figure 6 Trusted Agent

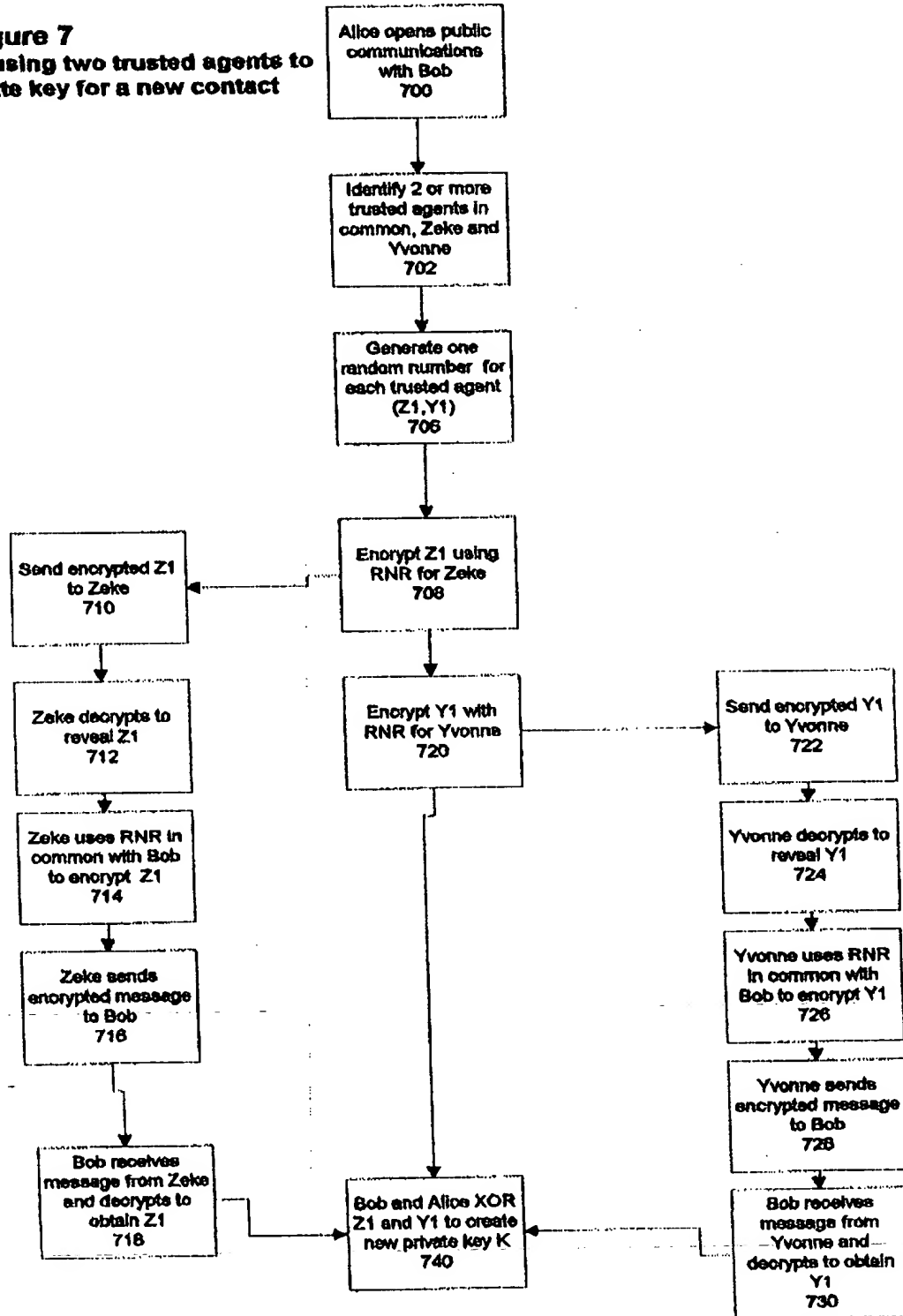
Seek common parties to allow communication between individuals who do not share two trusted third parties
Trusted agent repeats Private key generation request process with two or more trusted agents it has in common with Bob



007720 ET67F960

Figure 7

Alternative method for using two trusted agents to create a secure private key for a new contact



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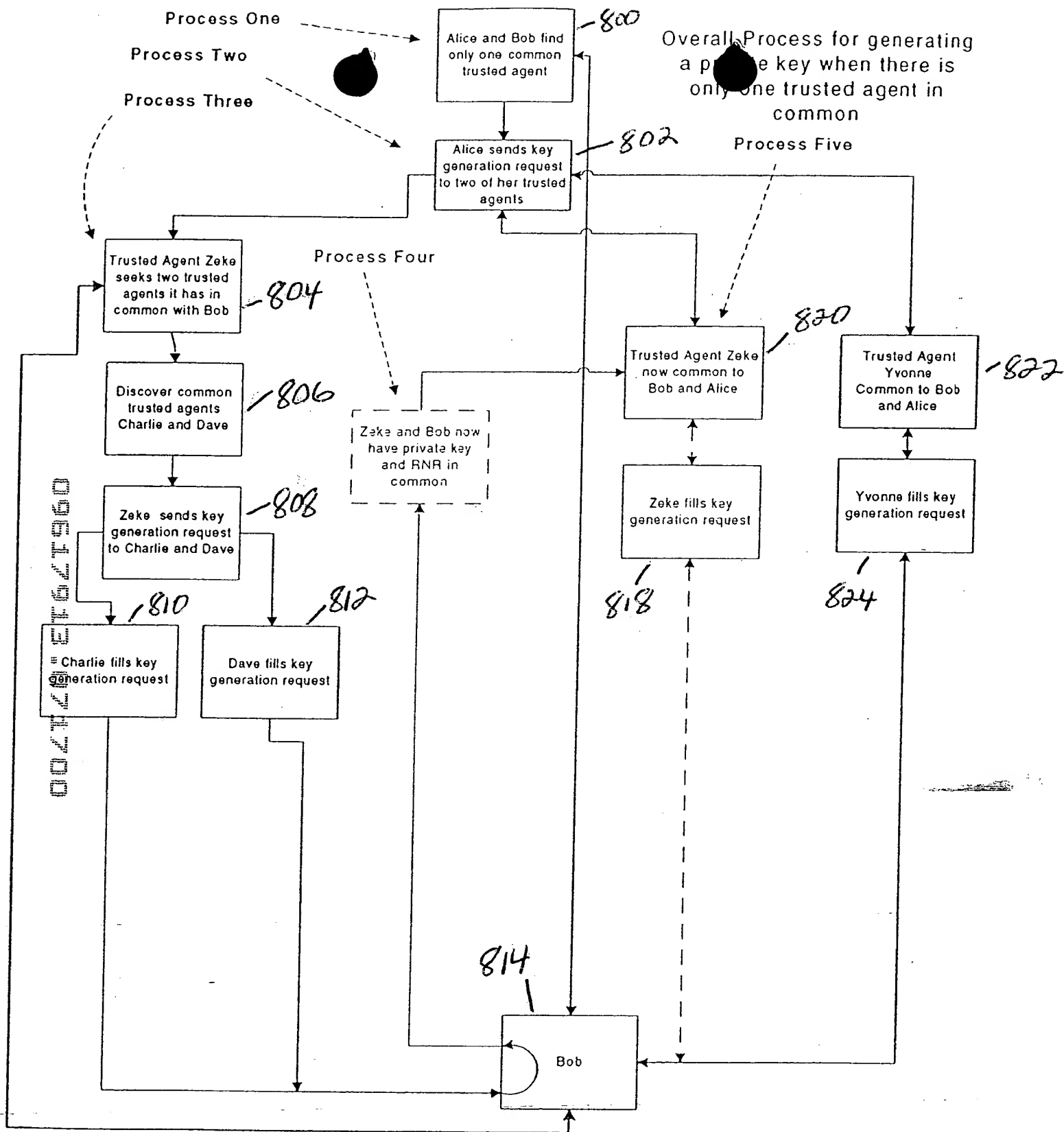


FIGURE 8

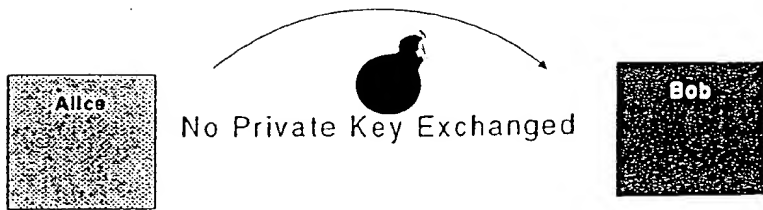
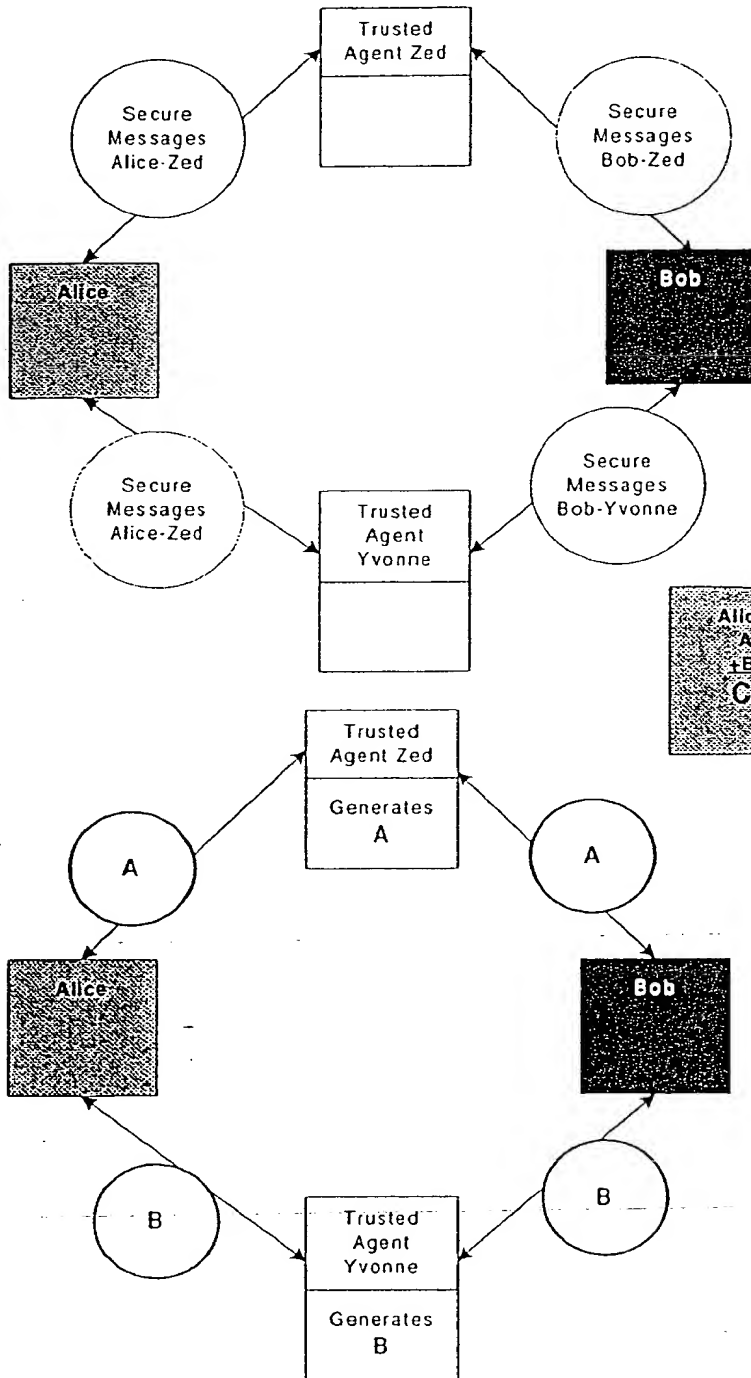
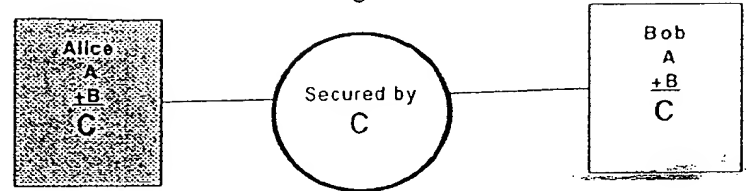


FIGURE 9

But Alice and Bob have secure communications with third-party agents who they have in common



Alice and Bob
XOR
A and B
to create a new private key
C



Zed knows A but not B
Yvonne knows B but not A
To obtain C they must
collude